4.2.1. Library is automated using Integrated Library Management System (ILMS)

The library plays a central role in enhancing the quality of academic and research environment in Education institutions. The Institute library is a place in the Institute where huge collections of academic books, journals, magazines, research projects, rare books, other knowledgeable books and newspapers are kept. These books are made available to the students to increase their knowledge and understanding on various subjects. The college library is an important hub of student life. There, student can check out books, conduct their research, find a quiet place to study, and maybe even flip through magazine. The students can extend their search with use of internet, e-books, e-journals etc. made available in the digital library. The Institute library exhibits positive impact on the academic achievement of the student. Students can perform better during examination and placement as students are explored to the knowledge through various means.

Response:

The library of the institution is fitted out with Library Management System (ILMS); which is an automated via software program, design and developed by our own team. ILMS with Barcode Scanner that supports all in-house processes of the library.

Name of the ILMS Software: NewGenLib.

Nature of Automation: Fully automated.

Version: NewGenLib 3.1.1

Year of Automation: November 2015

The Central Library of the institution has a large collection of books covering various branches of Engineering and Technology. The library is situated in the ground floor of 9th Block (A-Block). The library is protected with Fire extinguishers and CCTV security systems. Library web OPAC link is provided on college website http://103.134.97.242:8080/newgenlibctxt/ to students and faculty for searching library materials.

Institute library is also using institutional source, where Articles/ Journals/ Paper presentations/ Question Papers/ E-Books/ Thesis/Dissertations etc. are made available in local server http://172.17.200.171/drupal/node.

Library Management System (LMS) software with all the functional modules of library management completely implemented and has the following modules:

1. Cataloging, 2. Circulations or Transactions, 3. Reports, 4. Masters, 5. Graphs, 6. Online Public Access Catalogue (OPAC), 7. Institutional Archives:

Library Information System is provided on college website http://172.17.200.171/drupal/node to students and faculty.

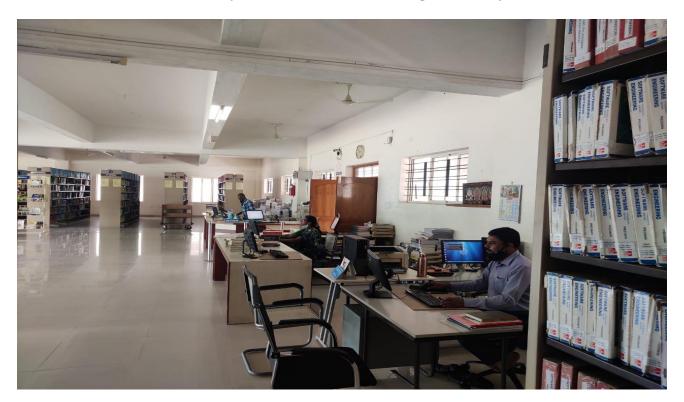
SRI VENKATESWARA COLLEGE OF ENGINEERING

(Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CIVIL, EEE, MECH, ECE, CSE and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi, Permanently affiliated to JNTUA, Ananthapuram.

Central Library, Reference Section and Digital Library Photos







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4.2.1: Library is Automated using Integrated Library Management System (ILMS)

Name of the ILMS Software: NewGenLib, (Open Source -Version: 3.1.1)

Nature of Automation: Fully Automated

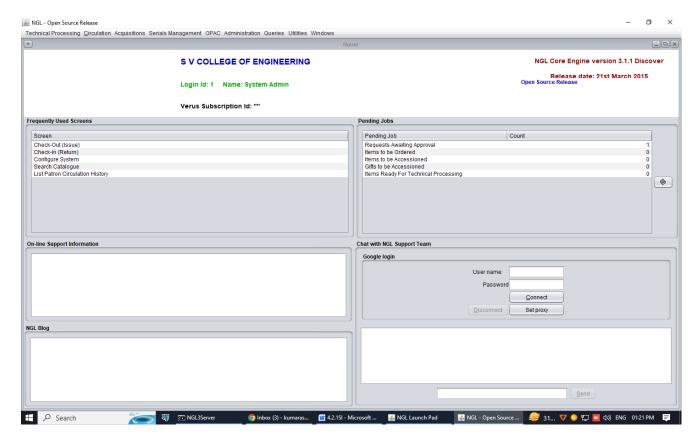
Year of automation: NewGenLib (2015)

SCREEN SHOTS OF LIBRARY AUTOMATION

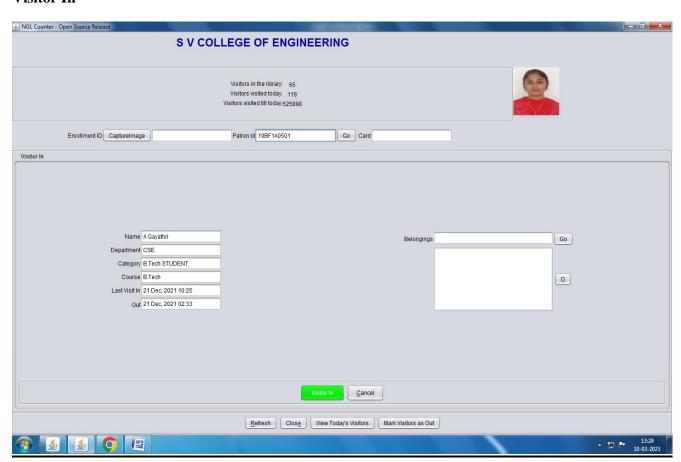
NGL Launch Pad



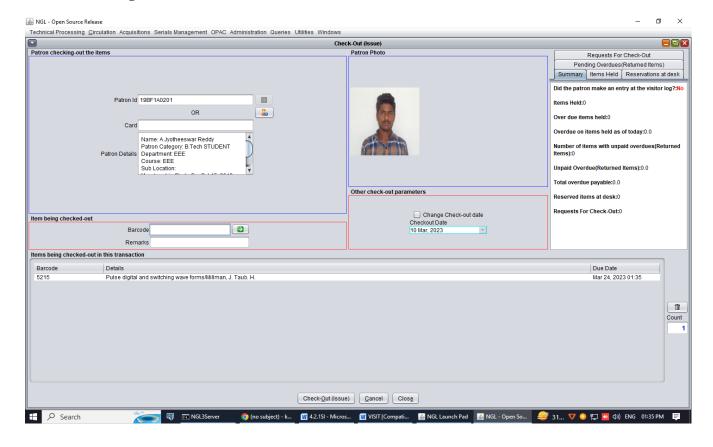
NGL Librarian Interface



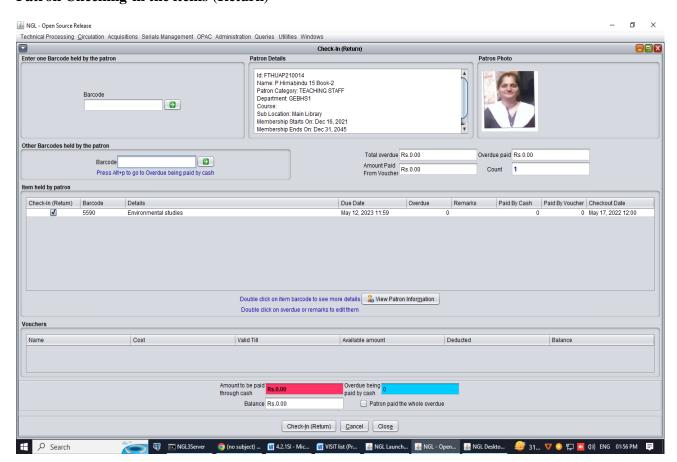
Visitor In



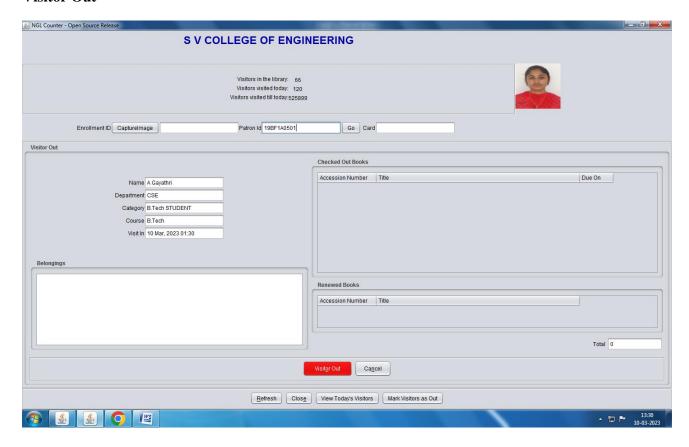
Patron Checking-out the items (Issue)



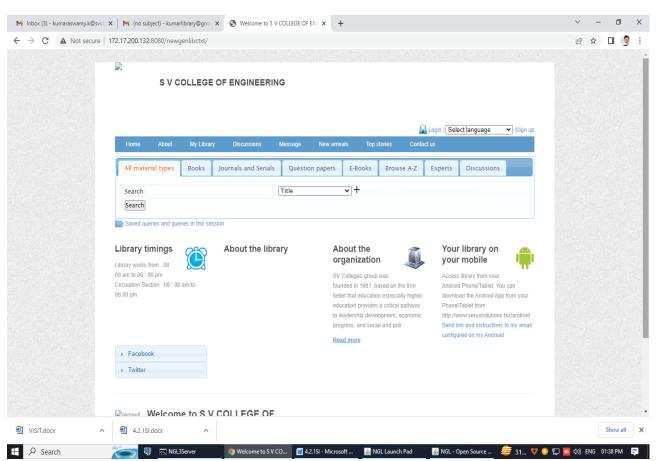
Patron Checking-in the items (Return)



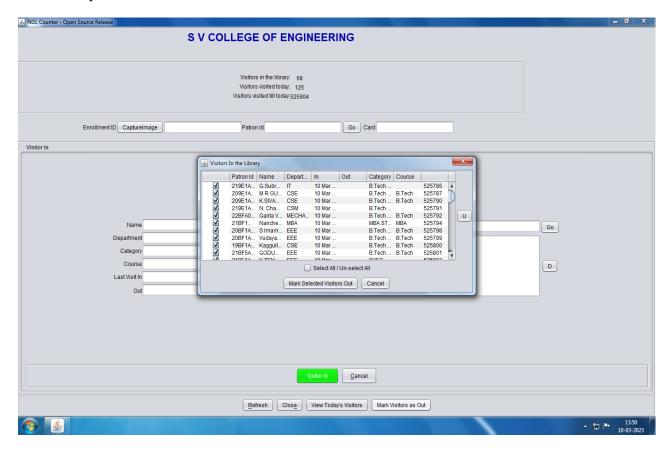
Visitor Out



OPAC (Online Public Access Catelog) http://172.17.200.132:8080/newgenlibctxt/



View Today's Visitors



4.2 Library as a Lea			ND LEARN	ING RESOUF	RCES	
4.2.1 Library is autor			Management	System -ILMS	}	
Name of the ILMS software	Nature of automation (fu or partially)		lly Version		Year of automation	
NewGenLib	Fully Automation		3.1.1		2015	
4.2.1 Library Service	es:					
-	Existing		Newly added 2023-2024		Total	
	No.	Value	No.	Value	No.	Value
Text Books	27926	10819635.00	0	0	27926	10819635.00
Reference Books	6363	2350505.00	2	0	6365	2350505.00
e-Books	N-List, NDL	5900.00	DELNET, N-List, NDL	13570.00 5900.00	DELNET, N-List, NDL	19470.00
Journals	98	232260.00	80	262861.00	178	13671161
e-Journals	DELNET, N-List, NDL & JNTUA Consortia	19470.00 5900.00 9545.00	DELNET, N-List, NDL & JNTUA Consortia	13570.00 5900.00 9545.00	DELNET, N- List, NDL & JNTUA Consortia	63930.00
Digital Database	DELNET, N-List, NDL & JNTUA Consortia	19470.00 5900.00 9545.00	DELNET, N-List, NDL & JNTUA Consortia	13570.00 5900.00 9545.00	DELNET, N- List, NDL & JNTUA Consortia	63930.00
CD & Video	861	-	-	-	861	-
Library automation	NewGenLib	Open Source	-	-	-	Open Source
Weeding (Hard & Soft)	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-